

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: September 28, 2002, 01:46:01 ; Search time 66.73 Seconds
(without alignments)
10251.601 Million cell updates/sec

Title: US-09-802-674-3

Perfect score: 2785
Sequence: 1 ctttagcccaacagtcacaaa.....tcagggtgagtcgatgt 2785

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapept 1.0

ched: 383533 segs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents, NA: *
1: /cgn2_6/prodata/2/lna/5A.COMB.seq: *
2: /cgn2_6/prodata/2/lna/5B.COMB.seq: *
3: /cgn2_6/prodata/2/lna/6A.COMB.seq: *
4: /cgn2_6/prodata/2/lna/6B.COMB.seq: *
5: /cgn2_6/prodata/2/lna/PCTUS.COMB.seq: *
6: /cgn2_6/prodata/2/lna/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	594.4	21.3	605	1 US-08-469-667-17	Sequence 17, Appl
2	594.4	21.3	605	4 US-09-224-110-17	Sequence 17, Appl
3	594.4	21.3	605	5 PCT-US95-07289-17	Sequence 17, Appl
4	512.4	18.4	586	4 US-09-385-982-472	Sequence 472, App
5	445.6	16.0	581	4 US-09-385-982-136	Sequence 136, App
6	324.2	11.6	780	3 US-08-927-128-3	Sequence 3, Appl
7	323.2	11.6	864	2 US-08-595-868C-11	Sequence 11, Appl
8	322	11.6	867	4 US-09-139-819A-11	Sequence 11, Appl
9	322	11.6	599	4 US-09-385-982-446	Sequence 446, App
10	177.6	6.4	9365	4 US-09-608-285A-8	Sequence 8, Appl
11	53.6	1.9	14747	4 US-09-608-285A-42	Sequence 59, Appl
12	53.6	1.9	15977	4 US-09-608-285A-59	Sequence 3, Appl
13	53.6	1.9	15977	4 US-09-608-285A-59	Sequence 3, Appl
14	53.4	1.9	84495	4 US-09-797-906-3	Sequence 2, Appl
15	52.2	1.9	4052	2 US-08-833-226-1	Sequence 4, Appl
16	51.4	1.8	5852	1 US-07-867-106-2	Sequence 42, Appl
17	50.6	1.8	80595	4 US-09-078-294-3	Sequence 4, Appl
18	50.6	1.8	1190	2 US-08-668-128B-4	Sequence 4, Appl
19	50.4	1.8	1190	2 US-08-905-445-4	Sequence 4, Appl
20	50.4	1.8	1190	2 US-08-959-622-4	Sequence 4, Appl
21	50.4	1.8	1190	3 US-09-008-466-4	Sequence 4, Appl
22	50.4	1.8	1190	3 US-08-580-980A-4	Sequence 4, Appl
23	50.4	1.8	1190	3 US-09-053-453-4	Sequence 4, Appl
24	50.4	1.8	1190	3 US-08-644-116A-4	Sequence 1, Appl
25	50.4	1.8	2679	1 US-08-479-328-1	Sequence 1, Appl
26	50.4	1.8	2679	1 US-08-761-119-1	Sequence 1, Appl
27	50.4	1.8	2679	2 US-08-668-128B-1	Sequence 1, Appl

28	50.4	1.8	2679	2 US-08-905-445-1	Sequence 1, Appl
29	50.4	1.8	2679	3 US-08-959-625-1	Sequence 1, Appl
30	50.4	1.8	2679	3 US-08-008-466-1	Sequence 1, Appl
31	50.4	1.8	2679	3 US-08-580-980A-1	Sequence 1, Appl
32	50.4	1.8	2679	3 US-09-053-453-1	Sequence 1, Appl
33	50.4	1.8	2679	3 US-08-644-116A-1	Sequence 1, Appl
34	50.4	1.8	2750	3 US-08-617-860B-33	Sequence 33, Appl
35	49.8	1.8	1399	3 US-08-335-469-1	Sequence 1, Appl
36	49.8	1.8	1522	2 US-08-481-658B-1	Sequence 1, Appl
37	49.8	1.8	1522	2 US-08-477-504A-1	Sequence 1, Appl
38	49.8	1.8	1522	2 US-08-486-756A-1	Sequence 1, Appl
39	49.8	1.8	1522	2 US-08-485-862B-1	Sequence 1, Appl
40	49.8	1.8	1522	2 US-08-787-739-1	Sequence 1, Appl
41	49.8	1.8	1522	3 US-08-487-077A-1	Sequence 1, Appl
42	49.8	1.8	1522	3 US-08-485-863A-1	Sequence 1, Appl
43	49.8	1.8	1522	4 US-08-485-049D-1	Sequence 1, Appl
44	49.8	1.8	1522	4 US-09-178-115-1	Sequence 1, Appl
45	49.8	1.8	1522	4 US-09-177-776-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-08-469-667-17
Sequence 17, Application US/08469667
Patent No. 5733748
GENERAL INFORMATION:
APPLICANT: Yu, Guo-Liang
INVENTOR: Rosen, Craig
TITLE OF INVENTION: Colon Specific Genes and Proteins
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Carella, Byrne, Bain, Gillfillan, Cecchi,
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: NJ
COUNTRY: USA
ZIP: 07068-1739
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,667
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Ferrari, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-435
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..603
NAME/KEY: mat_peptide
LOCATION: 1..603
US-08-469-667-17

Query Match 21.3% Score 594.4; DB 1; Length 605;

LENGTH: 780 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Genomic DNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 FEATURE:
 NAME/KEY: Coding Sequence
 LOCATION: 1...780
 OTHER INFORMATION:
 US-08-927-128-3

Query Match 11.6%; Score 324.2; DB 3; Length 780;
 Best Local Similarity 64.8%; Pred. No. 3.2e-70;
 Matches 498; Conservative 0; Mismatches 268; Indels 3; Gaps 1;

QY 1061 actgggagatagatgacaaatgtctcgaacaaatgagcagctgtatcccatgcca 1120
 DB 11 ACTGGGAGATAGATGACAAATGTCTCGAACAAATGAGCAGCTGTATCCCATGCCA 70
 QY 1121 atggaataacacatccctgtgtatataaaccaglynaacacacacacacaccc 1180
 DB 71 AGGGAAGAGCCGACCTCCCTGTGACATCGACATCATACAGCCCAAGATGACCTTCC 130
 QY 1181 tgaacctatagtgctcctcaaacaccgacagcagcagaagaattatcaatgtgagc 1240
 DB 131 TGAAGCCCTGTGTCTCTATGATCAAGCACTTCCCTGAGAGATCCCAACATGCTG 190
 QY 1241 attcttccatgaaattttgagacacagataaccgatacagtgctgaaagtgtcctt 1300
 DB 191 ATGCTTTCAAGCTGAGATTGATGACTCTGACGACAAAGAGCTGCAAGGGAGACCC 250
 QY 1301 tctctgacagtaagagctcttcacagttcatttcacagtgagcagtaacaatgagcag 1360
 DB 251 TGGATGGACTTACAGATGATGATGATGATGATGATGATGATGATGATGATGATG 310
 QY 1361 gtccgaacatcacagtgatgagagtaataatctcgagagcttcacagtgagcagta 1420
 DB 311 GTTCGAGACATACGTGATGATGATGATGATGATGATGATGATGATGATGATGATG 370
 QY 1421 attctgacagtaacagccttcgtcgaagctgcacaaagctgagagtaagctgag 1480
 DB 371 A---CACCAAAATGCGGATTTTGGGAAAGCTGTGACAGCAACCTGAGAGCTGCGCTTC 427
 QY 1481 ttgtgttttgatgagagtggtgagagcacaacacagctgacagaagtaagctgag 1540
 DB 428 TGGGTATTTTGTGAAGTTGGACAGCTTAACCGGCGCTTCAGAAAGTTGTGATGTC 487
 QY 1541 tccaaagcaatlaaacaagagagagagagagagagagagagagagagagagagag 1600
 DB 488 TGGATTTCCATTAACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 547
 QY 1601 tctctcctcagcagccttcctcagcagcagcagcagcagcagcagcagcagcag 1660
 DB 548 TCTTCTCTAATCTTGTGATGATGATGATGATGATGATGATGATGATGATGATG 607
 QY 1661 atgagagtgtaactgagatcatctgtaagagagagagagagagagagagagagag 1720
 DB 608 TGAATGATGTGAGCTGATGATGATGATGATGATGATGATGATGATGATGATG 667
 QY 1721 cacaattcgcagcagccttcacacaaatgttgaagtgagagagagagagagagag 1780
 DB 668 TGAATTTCCGTAACCTTAATGATGATGATGATGATGATGATGATGATGATGATG 727
 QY 1781 acaacggcccaac 1829
 DB 728 ACTGCGCCCGAGCTCAGCCACTGAAAGACGAGCAATCAAGCTTCTT 776

RESULT 7
 US-09-385-982-156/C
 ; Sequence 156, Application US/09385982
 ; Patent No. 6262334
 ; GENERAL INFORMATION:
 ; APPLICANT: ENDEGE, WILSON O., ET AL.
 ; TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
 ; FILE OF INVENTION: PRODUCTS: II
 ; FILE REFERENCE: CCDA-260XX
 ; CURRENT FILING DATE: 1999-08-30
 ; EARLIER APPLICATION NUMBER: 09/328, 111
 ; EARLIER FILING DATE: 1999-06-08
 ; EARLIER APPLICATION NUMBER: 60/117, 393
 ; EARLIER FILING DATE: 1999-01-27
 ; EARLIER APPLICATION NUMBER: 60/098, 639
 ; EARLIER FILING DATE: 1998-08-31
 ; NUMBER OF SEQ ID NOS: 544
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 156
 ; LENGTH: 760
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc.feature
 ; LOCATION: (1)...(760)
 ; OTHER INFORMATION: n = A,T,C or G
 US-09-385-982-156

Query Match 11.6%; Score 323.2; DB 4; Length 760;
 Best Local Similarity 99.1%; Pred. No. 5.6e-70;
 Matches 325; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1022 agaaaagaacacacagtagaagaaatgagcaagctccagacgtggagatagagaaata 1081
 DB 332 AGAAAAGAAACACAGTAGAAGAAATGAGCAAGCTCCAGACTGGGATGATGACAAATA 273
 QY 1082 atgtctccgaaacatgagagagagctgtatcccatgccaatggaataacacacac 1141
 DB 272 ATGTCTCCGAAACATGAGAGAGAGCTGTATCCCATTTGCCAATGAAATTAACAGCTCC 213
 QY 1142 ttgatataaaacacagtgaaacacacacacacacacacacacacacacacacacac 1201
 DB 212 TTGATATTAACACAGTGAAACCAACATGACACCTCTGAAACCTTAATGATGATG 153
 QY 1202 acaacccagcagcagcagcagcagcagcagcagcagcagcagcagcagcagcag 1261
 DB 152 ACAACCCAGCCACAGCCAAAGAAATTAATGATGAGGAGATTCCTTCATGTAATG 93
 QY 1262 aggaacagataacagatcagctgagagagtgctcttctcagacagcagcagcag 1321
 DB 92 AGGACACAGATTAACGATAGTGAGAAAGTGCTTCTGACAGCTACAGGCTCT 33
 QY 1322 ttcagttcatttcacagtcagtcagtcagtcagtcagtcagtcagtcagtcag 1349
 DB 32 TTCAGTTCCATTTTCACTGGGGCAGTAC 5

RESULT 8
 US-08-595-868C-11
 ; Sequence 11, Application US/08595868C
 ; Patent No. 5962270
 ; GENERAL INFORMATION:
 ; APPLICANT: Wagner, Fred
 ; APPLICANT: Stout, Jay
 ; APPLICANT: Henriksen, Dennis
 ; APPLICANT: Partidgen, Bruce
 ; APPLICANT: Holmquist, Bart
 ; APPLICANT: Frank, Julie
 ; TITLE OF INVENTION: RECOMBINANT PREPARATION OF CALCITONIN FRAGMENTS AND US
 ; NUMBER OF SEQUENCES: 51
 ; CORRESPONDENCE ADDRESS:


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RESULT 11
US-09-608-285A-8
; Sequence 8, Application US/09608285A
; Patent No. 6335013
; GENERAL INFORMATION:

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FILE REFERENCE: CL001115CIP
CURRENT APPLICATION NUMBER: US/09/797,906
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 5
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO: 3
LENGTH: 84495
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(84495)
OTHER INFORMATION: n = A,T,C or G
US-09-797-906-3

Query Match          1.9% Score 53.4; DB 4; Length 84495;
Best Local Similarity 67.6%; Pred. No. 0.0031;
Matches 75; Conservative 0; Mismatches 36; Indels 0; Gaps 0

QY 2674 ttgacacacaatattgtcacttgtagagagtatagtgctgttctgtttgttgc 2733
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Db 18385 TGGCACATTTATTATATATATATATATATATATATATATATATATTTTTTTTTTTTTTTTTTTTTT 18326

QY 2734 ttcgtttttgaagaaggctccactctgccagtcagggtggagtgcgcatgg 2784
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Db 18325 TTTTTCCTTGAGACAGGCTCATCTGTCTCACCCAGCGCTGGAGTCAGATGG 18275

RESULT 15
US-08-833-226-1/C
Sequence 1, Application US/08833226
Patent No. 5891720
GENERAL INFORMATION:
APPLICANT: Moore, Karen
APPLICANT: Nagle, Deborah
APPLICANT: Woolf, Elizabeth
TITLE OF INVENTION: NOVEL G-PROTEIN COUPLED RECEPTOR
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue du Commerce
City: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,226
FILING DATE: 17-Apr-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Cortuzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-080
TELEPHONE: 212-790-9090
TELEFAX: 212-869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4052 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 45...1196

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28	50.4	1.8	2679	2	US-08-905-445-1	Sequence 1, Appli
29	50.4	1.8	2679	3	US-08-959-625-1	Sequence 1, Appli
30	50.4	1.8	2679	3	US-09-008-466-1	Sequence 1, Appli
31	50.4	1.8	2679	3	US-08-580-980A-1	Sequence 1, Appli
32	50.4	1.8	2679	3	US-09-053-453-1	Sequence 1, Appli
33	50.4	1.8	2679	3	US-08-644-116A-1	Sequence 1, Appli
34	50.4	1.8	2750	3	US-08-617-860B-33	Sequence 33, Appli
35	49.8	1.8	1399	3	US-08-335-469-1	Sequence 1, Appli
36	49.8	1.8	1522	2	US-08-481-658B-1	Sequence 1, Appli
37	49.8	1.8	1522	2	US-08-477-504A-1	Sequence 1, Appli
38	49.8	1.8	1522	2	US-08-486-756A-1	Sequence 1, Appli
39	49.8	1.8	1522	2	US-08-485-862B-1	Sequence 1, Appli
40	49.8	1.8	1522	3	US-08-787-739-1	Sequence 1, Appli
41	49.8	1.8	1522	3	US-08-487-077A-1	Sequence 1, Appli
42	49.8	1.8	1522	3	US-08-485-863A-1	Sequence 1, Appli
43	49.8	1.8	1522	4	US-08-485-049D-1	Sequence 1, Appli
44	49.8	1.8	1522	4	US-09-178-115-1	Sequence 1, Appli
45	49.8	1.8	1522	4	US-09-177-776-1	Sequence 1, Appli

ALIGNMENTS

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RESULT 1
US-08-469-667-17
; Sequence 17, Application US/08469667
; Patent No. 5733748
; GENERAL INFORMATION:
; APPLICANT: Yu, Guo-Liang
; APPLICANT: Rosen, Craig
; TITLE OF INVENTION: Colon Specific Genes and Proteins
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,
; ADDRESSEE: Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: NJ
; COUNTRY: USA
; ZIP: 07068-1739
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,667
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Ferraro, Gregory D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 605 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..603
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 1..603
US-08-469-667-17

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Query Match

21.3%; Score 594.4; DB 1; Length 605;

Best Local Similarity 99.0%; Pred. No. 2,6e-136;
Matches 598; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1141 gttatataaacagtgaaacaaacatgacacccctctgaaacattatgctcc 1200
Db 1 GTTATATTAACAGTGAAGAACCAACATGACCTCTGAAACCTATTAGTCTCC 60
QY 1201 tacaacccagccacagcaagaatttcaatgtggagcaattcttcattat 1260
Db 61 TCAACCCAGCCACAGCAAGAAATTTATCATATGAGGCACTTCTTCATGAAATTT 120
QY 1261 gaggaacagataacagatcagtgctgaagtggtccctctctgacagctc 1320
Db 121 GAGGACAGATACCGATCAGTCTGAAAGGTGCTCTTCTCTGACAGCTAGGCTC 180
QY 1321 tttcatttcaatttcaattggtgagctacaaatgagctggttcagaaacatacagtgat 1380
Db 181 TTTCAATTCATTTTCACTGGGCACTACAAATGAGCATGATGTTCAAGATGAT 240
QY 1381 ggaagcaaatatcttcgagctcagctcagctcagctcagctcagctcagc 1440
Db 241 GGAATCAAAATTTCTGCGAGCTTCACTGAGCTCAGTCAATTCGCAAGTCTCAGC 300
QY 1441 ctgtcgaagctgcctcctcagaagctggtgttgagctggttggttgatgaaggt 1500
Db 301 CTTCGTGAAGCTGCTCAAGGCTGATGTTGGCAATTTGCTGTTTGTGATGAAGTT 360
QY 1501 ggtgagggccaccccaagctgcagaaagcttgaatgctcccaagcaataaacaag 1560
Db 361 GGTGAGGCCAACCCAAAGCTGCAGAAAGTACTGATGCTCCCAAGAAATTAACCAAG 420
QY 1561 ggaagagagcccaatcacaattttgacccctcactcctcctcctcctcctgagat 1620
Db 421 GGCAAGCAGCCCAATTCACAAATTTGACCCCTTACTCTCTTCTCTCCTCGAT 480
QY 1621 tctgagcctaccctgctcctcctcctcctcctcctcctcctcctcctcctcctgagat 1680
Db 481 TTCTGAGCTTACCTGCTGCTCTGACTCATCTCTCTTATGAGAGTGAATCTGATC 540
QY 1681 atctgaagagagatcagtgctcagctcagctcagctcagctcagctcagctcctc 1740
Db 541 ATCTGAAGAGAGATCAGTGTCACTGATGAGCAATGAGCAATTCGGAGCCTCTTA 600
QY 1741 tcaa 1744
Db 601 TCAA 604

RESULT 2
US-09-224-110-17
Sequence 17, Application US/09224110
Patent No. 6337195

GENERAL INFORMATION:

APPLICANT: YU, Guo-Liang
APPLICANT: Rosen, Craig
TITLE OF INVENTION: Colon Specific Genes and Proteins
NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: Carella, Byrne, Bain, Gillfillan, Cecchi,
ADDRESS: Stewart & Olstein
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: NJ
COUNTRY: USA
ZIP: 07068-1739

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/224,110
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/469,667
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..603
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1..603
US-09-224-110-17

Query Match 21.3%; Score 594.4; DB 4; Length 605;
Best Local Similarity 99.0%; Pred. No. 2,6e-136;
Matches 598; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1141 gttatataaacagtgaaacaaacatgacacccctctgaaacattatgctcc 1200
Db 1 GTTATATTAACAGTGAAGAACCAACATGACCTCTGAAACCTATTAGTCTCC 60
QY 1201 tacaacccagccacagcaagaatttcaatgtggagcaattcttcattat 1260
Db 61 TCAACCCAGCCACAGCAAGAAATTTATCATATGAGGCACTTCTTCATGAAATTT 120
QY 1261 gaggaacagataacagatcagtgctgaagtggtccctctctgacagctc 1320
Db 121 GAGGACAGATACCGATCAGTCTGAAAGGTGCTCTTCTCTGACAGCTAGGCTC 180
QY 1321 tttcatttcaatttcaattggtgagctacaaatgagctggttcagaaacatacagtgat 1380
Db 181 TTTCAATTCATTTTCACTGGGCACTACAAATGAGCATGATGTTCAAGATGAT 240
QY 1381 ggaagcaaatatcttcgagctcagctcagctcagctcagctcagctcagc 1440
Db 241 GGAATCAAAATTTCTGCGAGCTTCACTGAGCTCAGTCAATTCGCAAGTCTCAGC 300
QY 1441 ctgtcgaagctgcctcctcagaagctggtgttgagctggttggttgatgaaggt 1500
Db 301 CTTCGTGAAGCTGCTCAAGGCTGATGTTGGCAATTTGCTGTTTGTGATGAAGTT 360
QY 1501 ggtgagggccaccccaagctgcagaaagcttgaatgctcccaagcaataaacaag 1560
Db 361 GGTGAGGCCAACCCAAAGCTGCAGAAAGTACTGATGCTCCCAAGAAATTAACCAAG 420
QY 1561 ggaagagagcccaatcacaattttgacccctcactcctcctcctcctcctgagat 1620
Db 421 GGCAAGCAGCCCAATTCACAAATTTGACCCCTTACTCTCTTCTCTCCTCGAT 480
QY 1621 tctgagcctaccctgctcctcctcctcctcctcctcctcctcctcctcctcctgagat 1680
Db 481 TTCTGAGCTTACCTGCTGCTCTGACTCATCTCTCTTATGAGAGTGAATCTGATC 540
QY 1681 atctgaagagagatcagtgctcagctcagctcagctcagctcagctcagctcctc 1740
Db 541 ATCTGAAGAGAGATCAGTGTCACTGATGAGCAATGAGCAATTCGGAGCCTCTTA 600
QY 1741 tcaa 1744
Db 601 TCAA 604

ZIP
COMPUT
MEDIA
COMPUT
OPERATI
SOFTWARE
CURRENT APPL
APPLICATION
ISSUING DATE:

29 17:30:44 2002

db 601 TCAA 604

us-09-802-

RESULT 12
 US-09-608-285A-42
 : Sequence 42, Application US/09608285A
 : Patent No. 6335013
 : GENERAL INFORMATION:
 : APPLICANT: Ford, John
 : APPLICANT: Mulero, Julio
 : APPLICANT: Yeung, George
 : TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
 : TITLE OF INVENTION: POLYPEPTIDES

Query Match	1.9%	Score 53.6	DB 4	Length 14747
Best Local Similarity	86.8%	Pred. No. 0.0014		
Matches	59	Conservative	0	Mismatches 9
				Indels 0
				Gaps 0
QY	2717	gtttctggttctgttctgttttttgagacaggtctcactctgcagcagtgaggttgag	2776	
Db	9340	gtttttgtttgtttgtttctgttttttugagacaggtctcactctgtttaccagcttgag	9399	
QY	2777	tgcgatag	2784	
Db	9400	tgcacatg	9407	

RESULT 13
US-09-608-285A-59
Sequence 59, Application US/09608285A
Patent No. 6335013
GENERAL INFORMATION:
APPLICANT: Ford, John
APPLICANT: Mulero, Julio
APPLICANT: Yeung, George
TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO CD39-LIKE
TITLE OF INVENTION: POLYPEPTIDES
FILE REFERENCE: 28110/36570
CURRENT APPLICATION NUMBER: US/09/608,285A
CURRENT FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 09/583,231
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 09/557,800
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/481,238
PRIOR FILING DATE: 2000-01-11
PRIOR APPLICATION NUMBER: 09/370,265
PRIOR FILING DATE: 1999-08-09
PRIOR APPLICATION NUMBER: PCT/US99/16180
PRIOR FILING DATE: 1999-07-16
PRIOR APPLICATION NUMBER: 09/350,836


```

Dd      182 tcagagagctggcacaaattccgacgctcttctatcaaatgttgaaggtgataacgctgic 1767
Oy      1768 tcagagcagctggcacaaattccgacgctcttctatcaaatgttgaaggtgataacgctgic 1767
Oy      1768 tcagagagctggcacaaattccgacgctcttctatcaaatgttgaaggtgataacgctgic 241
Db      1768 cccatgagagacaacaacccgcccacaccactctggaagggcagaacagtcgagagcttca 1827
Oy      1768 cccatgagagacaacaacccgcccacaccactctggaagggcagaacagtcgagagcttca 1827
Db      242 ccccatgagacacacacacacgcccacaccactctcgaagggcagacacagtlgagagcttca 301
Oy      1828 ttctgatgatctcgagagaagaactttctctctctctgaagagacacagccctgcttcgacat 1887
Db      302 ttctgatgatctcgagagaagaactttctctctctctgaagagacacagccctgcttcgacat 361
Oy      1888 aatccagtttaaaataaataattttaagaataaaatttatttcaatatagc_aaaacagc 1946
Db      362 aatccag_taaataataaatttttaagaataaaatttatttcaatatagc_aaaacagc 420
Oy      1947 atgccttcaaatcaatcttgytaaaactagaagaacttaatttttagtctcttaccgcttaatt 2006
Db      421 atgccttcaaatcaatcttgytaaaactagaagaacttaatttttagtctcttaccgcttaaa-t 479
Oy      2007 caaatcaataatagtagtagtagacaataatagtaactctgtaagacataaagcttatcttaattc 2066
Db      480 caaatcaataatagtagtagtagacaataatagtaactctgtaagacataaagcttatcttaattc 539
Oy      2067 aagtttagttgaggaatctcttaaaattacaactaagtagt 2109
Db      540 _agtttagttgagga-_tcttaaaattaccactaantgatt 580

RESULT 5
US-09-385-982-136
: Sequence 136, Application US/09385982
: Patent No. 6262334
: GENERAL INFORMATION:
: APPLICANT: ENDEGE, WILSON O., ET AL.
: TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
: TITLE OF INVENTION: PRODUCTS: II
: FILE REFERENCE: CCDNA-260XX
: CURRENT APPLICATION NUMBER: US/09/385,982
: EARLIER FILING DATE: 1999-08-30
: EARLIER APPLICATION NUMBER: 09/328,111
: EARLIER FILING DATE: 1999-06-08
: EARLIER APPLICATION NUMBER: 60/117,193
: EARLIER FILING DATE: 1999-01-27
: EARLIER APPLICATION NUMBER: 60/098,539
: EARLIER FILING DATE: 1998-08-31
: NUMBER OF SEQ ID NOS: 544
: SOFTWARE: FASTSEQ for Windows Version 3.0
: SEQ ID NO 136
: LENGTH: 581
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)..(581)
: OTHER INFORMATION: n - A,T,C or G
US-09-385-982-136

```

Query Match	16.0%;	Score 445.6;	DB 4;	Length 581;
Best Local Similarity	90.5%;	Fred. No. 6e-100;		
Matches 526;	Conservative	0;	Mismatches 48;	Indels 7; Gaps 5;
QY 1433	accaccagcctctgtgaagctgcctcaaaagctgtagtggtttgcagcatatcgggtgtttga	1492		
Db 1	actccagcctctgtgaagctgcctcaaaagctgtagtggtttgcagcatatcgggtgtttga	60		
QY 1493	tgaaggtctgttgagggccaaccccaagctctcagaagaagctctgatgcctcccaagaactta	1552		
Db 61	tgaaggtctgttgagggccaaccccaagctctcagaagaagctctgatgcctcccaagaactta	120		
QY 1553	aaaccgaaggccaacgagccccaatttcacaatttgaacctctactctcttcttcatt	1612		

Db	121	aaaccgaaggcgaacgagcccatccacaacaatttgaccctctacctctccctccat	180
OY	1613	ccctggaattctcgtacctaacctggtcctctcgtacatacctcctcttatagaaggttaa	1672
Db	181	ccctggattctcgtgacctaccctggtcctctcgtacatacctcctcttatagaaggttaa	240
OY	1673	cttggatcatctgttaagggagagcatagaagtgaagtcagacagagagcttgacaaatttcgca	1732
Db	241	cttgatcatcatgttgaaggagagcatagaagtgaagtcagacagagcttgacaaatttcgca	300
OY	1733	gctcttcatacaatgtgtgaagggtgataacgctgtcccaatgcagcaacaacgcccac	1792
Db	301	gcctctctatacaatgtgtgaagggtgataacgctgtcccaatgcagcaacaacgcccac	359
OY	1793	cccaacccctcgaaggcgcaaac-aggtagaggtcttcaatttgatgtattctgaaagaanaat	1851
Db	360	cccaacccctcgaaggcgcaacaagtgtagaggtcttcaatttgatgtattctgaaagaanaat	419
OY	1852	tgtccttcctcagaagacagaccctgctcttgacataatccagttaaataataattttt	1911
Db	420	tgttnttt-ctcagaagacaacaccctgctcttcgataataatcaataaataaataa---ttc	475
OY	1912	aagaaataaatttatcttaatttagaagaagacagacagcttcaataatctgtanaac	1972
Db	476	taaaaaataaattatcttaataattanagaagca-cagtgcttaataatctgtanaactaa	534
OY	1972	taagaactaaatttagtttcttactcgtctaattcaata 2012	
Db	535	aaactaaatttanctactgnttataatcaanaataataata 575	

RESULT 6
US-08-927-128-3
Sequence 3, Application US/08927128
Patent No. 6127150
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas
APPLICANT: Wagner, Fred
APPLICANT: ven Heeke, Gino
APPLICANT: Schuster, Sheldon
APPLICANT: Stout, Jay
APPLICANT: Wylie, Dyane
TITLE OF INVENTION: PURIFICATION DIRECTED CLOSING OF PEPTIDES
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 6127150west Center, 90 S. 7th Street
CITY: Minneapolis
STATE: MN
COUNTRY: U.S.A.
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEO Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,128
FILING DATE: 05-SEP-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/680,004
FILING DATE: 15-JUL-1995
ATTORNEY/AGENT INFORMATION:
NAME: Carter, Charles G
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648, 2USD1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612/332-5300
TELEFAX: 612/332-9081
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:

[illegible]

RESULT 2
 US-09-224-110-17
 ; Sequence 17, Application US/09224110
 ;ent NO. 6337195
 ;
 ;GENERAL INFORMATION:
 ;
 ; APPLICANT: Yu, Guo-Liang
 ; APPLICANT: Rosen, Craig
 ; TITLE OF INVENTION: Colon Specific Genes and Proteins
 ;
 ; NUMBER OF SEQUENCES: 24
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,
 ; ADDRESSEE: Stewart & Olstein
 ; STREET: 6 Becker Farm Road
 ; CITY: Roseland
 ; STATE: NJ
 ; COUNTRY: USA
 ; Zip: 07068-1739
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/224,110
 ; FILING DATE:

```

CLASSIFICATION:
PRIOR APPLICATION DATA: 08/469,667
APPLICATION NUMBER: 06-JUN-1995
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 325800-435
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 605 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..603
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1..603
US-09-224-110-17

Query Match 21.3%; Score 594.4; DB 4; Length 605;
Best Local Similarity 99.0%; Pred. No. 2.6e-136;
Matches 598; Conservative 0; Mismatches 6; Indels 0; Gaps 0

QY 1141 gtgtattataaaacagtgtaaaccaaacatgacacactctctgaaacattatgagtctcc 1200
Db 1 GTTCATATTAAACACAGTGAACCAACATGACACTCTCTGAACCTTATGTCGTCC 60

QY 1201 tacaaccacacagccaaagaaattacaatgtggggcattcttccatgtaaaattt 1260
Db 61 TACAACCACGACGACGCCAAGAAATATCAATGTGGGCGATTCTCCATGTAAATTT 120

QY 1261 gaggacaacgataaccogatcagtcgtgaaagtggtccttctctgacagctacaggtc 1320
Db 121 GAGGACAACGATAACCCGATCAGTGTCTGAAAGTGTCCTCTCTGACAGCTACAGGCTC 180

QY 1321 ttccagttcaatttcactgggcagtcacaaatgagcatggttcgaacatacacagtggt 1380
Db 181 TTTCAGTTTCCATTTCCTACTGGGCGAGTACAAATGAGCATGGTTCAGAACATACAGTGGAT 240

QY 1381 ggagtcacaaattctgcgagcttcacgtagctcactggaattctgcaagtactccagc 1440
Db 241 GGAGTCAAAATATCTCGGAGCTTCAGTGGCTCACTGGAAATCTGCAAGTACTCCAGC 300

QY 1441 ctgtctgaagtcgctcaaaagctgagtggtttggcagttattggtgtttgatgaagtt 1500
Db 301 CTGTGCTGAAGCTGCCTCAAAGCTGATGGTTGGCAGTTATTGGTCTTTTGATGAAGTT 360

QY 1501 ggtgaggccaaacccaaagctgcagaagctactgagccctcaagcaattaaaaccaag 1560
Db 361 GGTGAGGCCAACCCAAAGCTCAGAAAGTACTTGATGCCCTCCCAAGCAATTAACACCAAG 420

QY 1561 ggcaacagagcccaattcacaaatttgacccctctactctctcttccttcactccctggt 1620
Db 421 GGCAAACGAGCCCAATTACAAAATTTTGACCCCTCTACTCTGCTTCTCTCATCCCTGGAT 480

QY 1621 ttctggacctaccctggctctctgactcaactctctcttattgagagtgtaacttggatc 1680
Db 481 TTCTGACCTACCCCTGGCTCTCTGACTCATCTCTCTTATGAGAGTGTACTTGGATC 540

QY 1681 atctgaagagagcatcagttcagctcagagcagctggcacaattccgcagcctctca 1740
Db 541 ATCTGTAAGGAGGACATCAGTCTCAGTTTCAGAGCAGTTGGCACAATTCGGAGCCTTCTA 600

QY 1741 tcaa 1744
Db 1741 tcaa 1744

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